

1-29-04

Page 1 of 7

10/7/04 770

Form PTO-1449 INFORMATION DISCLOSURE STATEMENT	Docket No.: B0410/7280D1	Serial No. Not Yet Known
	Applicant: Richard A. Gambale et al.	
	Filed: Herewith	Group: 3702 165

U.S. Patent Documents							
Ex.		Doc. No.	Date	Name	Class	Subcl.	Filed
OK	*	6,458,092	10/2002	Gambale et al.			
	*	6,447,522	09/2002	Gambale et al.			
	*	6,432,126	08/2002	Gambale et al.			
	*	6,263,880	07/2001	Parker et al.			
	*	6,251,418	06/2001	Ahern et al.			
	*	6,248,112	06/2001	Gambale et al.			
	*	6,227,082	08/2001	Gambale			
	*	6,197,324	03/2001	Crittenden			
	*	6,045,565	04/2000	Ellis et al.			
	*	5,980,548	11/1999	Evans et al.			
	*	5,980,514	11/1999	Kupieki et al.			
	*	5,971,993	10/1999	Hussein et al.			
	*	5,879,383	03/1999	Bruchman et al.			
	*	5,861,032	01/1999	Subramaniam			
	*	5,840,059	11/1998	March et al.			
	*	5,833,608	11/1998	Ellis Acker			
	*	5,830,502	11/1998	Dong et al.			
	*	5,824,071	10/1998	Nelson et al.			
	*	5,824,049	10/1998	Ragheb et al.			
	*	5,817,101	10/1998	Fiedler			
	*	5,810,836	09/1998	Hussein et al.			
	*	5,807,384	09/1998	Mueller			
	*	5,797,870	08/1998	March et al.			
	*	5,792,453	08/1998	Hammond et al.			
	*	5,785,702	07/1998	Murphy et al.			
	*	5,782,823	07/1998	Mueller			
	*	5,769,843	06/1998	Abela et al.			
	*	5,756,127	05/1998	Grisoni et al.			
	*	5,755,682	05/1998	Knudson et al.			
	*	5,744,515	04/1998	Clapper			
	*	5,741,330	04/1998	Brauker et al.			
	*	5,735,897	04/1998	Buirge			
	*	5,725,523	03/1998	Mueller			
	*	5,725,521	03/1998	Mueller			
	*	5,724,975	03/1998	Negus et al.			
	*	5,713,894	02/1998	Murphy-Chutorian et al.			
	*	5,690,643	11/1997	Bandular-Wijay			
	*	5,676,850	10/1997	Reed et al.			
	*	5,662,124	09/1997	Wilk			
	*	5,655,548	08/1997	Nelson et al.			
OK	*	5,653,756	08/1997	Clarke et al.			

U.S. Patent Documents							
Ex.		Doc. No.	Date	Name	Class	Subcl.	Filed
CA	*	5,643,308	07/1997	Markman			
	*	5,614,206	03/1997	Randolph et al.			
	*	5,602,301	02/1997	Field			
	*	5,593,434	01/1997	Williams			
	*	5,593,412	01/1997	Martinez et al.			
	*	5,571,168	11/1996	Toro			
	*	5,569,272	10/1996	Reed			
	*	5,562,922	10/1996	Lambert			
	*	5,562,619	10/1996	Mirarchi et al.			
	*	5,558,091	09/1996	Acker et al.			
	*	5,551,954	09/1996	Buscemi et al.			
	*	5,514,176	05/1996	Bosley, Jr. et al.			
	*	5,487,739	01/1996	Aebischer et al.			
	*	5,480,422	01/1996	Ben-Halm			
	*	5,476,505	12/1995	Limon			
	*	5,466,242	11/1995	Mori			
	*	5,464,650	11/1995	Berg et al.			
	*	5,464,404	11/1995	Abela et al.			
	*	5,458,615	10/1995	Klemm			
	*	5,453,090	09/1995	Martinez et al.			
	*	5,452,733	09/1995	Sterman			
	*	5,441,516	11/1995	Wang et al.			
	*	5,429,144	06/1995	Wilk			
	*	5,425,757	01/1995	Tiefenbrun et al.			
	*	5,423,885	06/1995	Williams			
	*	5,409,019	04/1995	Wilk			
	*	5,409,004	04/1995	Sloan			
	*	5,391,199	02/1995	Ben-Haim			
	*	5,389,096	02/1995	Alta et al.			
	*	5,386,828	02/1995	Owens et al.			
	*	5,380,316	01/1995	Alta et al.			
	*	5,372,600	12/1994	Beyar et al.			
	*	5,366,493	11/1994	Scheiner et al.			
	*	5,324,325	06/1994	Moaddeb			
	*	5,312,456	05/1994	Reed et al.			
	*	5,290,295	03/1994	Querals et al.			
	*	5,287,861	02/1994	Wilk			
	*	5,266,073	11/1993	Wall			
	*	5,256,146	10/1993	Ensminger et al.			
	*	5,190,058	03/1993	Jones et al.			
	*	5,180,366	01/1993	Woods			
	*	5,176,626	01/1993	Soehendra			
	*	5,172,699	12/1992	Svenson			
	*	5,167,614	12/1992	Tessman et al.			
	*	5,158,548	10/1992	Lau et al.			
	*	5,114,414	05/1992	Buchbinder			
	*	5,098,374	03/1992	Othel-Jacobsen et al.			
OK	*	5,087,243	02/1992	Avitall			

U.S. Patent Documents							
Ex.		Doc. No.	Date	Name	Class	Subcl.	Filed
	*	5,056,517	10/1991	Fenici			
	*	5,049,138	09/1991	Chevalier et al.			
	*	5,047,028	09/1991	Gian			
	*	5,042,486	08/1991	Pfeiler et al.			
	*	5,040,543	08/1991	Badera et al.			
	*	4,997,431	03/1991	Isner et al.			
	*	4,995,857	02/1991	Arnold			
	*	4,950,227	08/1990	Savin et al.			
	*	4,920,980	05/1990	Jackowski			
	*	4,917,666	04/1990	Solar et al.			
	*	4,904,264	02/1990	Scheunemann			
	*	4,861,330	08/1989	Voss			
	*	4,852,580	08/1989	Wood			
	*	4,813,925	03/1989	Anderson, Jr. et al.			
	*	4,785,815	11/1988	Cohen			
	*	4,774,949	10/1988	Fogarty			
	*	4,768,507	09/1988	Fischell et al.			
	*	4,733,665	03/1988	Palmaz			
	*	4,718,425	01/1988	Tamaka et al.			
	*	4,681,110	07/1987	Wiktor et al.			
	*	4,665,918	05/1987	Garza et al.			
	*	4,658,817	04/1987	Hardy et al.			
	*	4,655,771	04/1987	Wallsten			
	*	4,649,922	03/1987	Wiktor			
	*	4,641,653	02/1987	Rockey			
	*	4,582,181	04/1986	Samson			
	*	4,580,568	04/1986	Gianturco			
	*	4,562,597	01/1986	Possis et al.			
	*	4,546,499	10/1985	Possis			
	*	4,503,569	03/1985	Dotter			
	*	4,307,722	12/1981	Evans et al.			
	*	3,995,617	12/1976	Watkins et al.			
	*	3,991,750	11/1976	Vickery			

U.S. Patent Application Documents							
Ex.		Serial No.	Filed	Name	Class	Subcl.	Filed
	*	10/048,694	06/2002	Gambale et al.			
	*	10/048,205	05/2002	Gambale			
	*	09/990,644	11/2001	Gambale et al.			
	*	09/888,757	06/2001	Ahern et al.			
	*	09/774,320	01/2001	Gambale et al.			
	*	09/774,319	01/2001	Gambale et al.			
	*	09/743,726	04/2001	Gambale et al.			
	*	09/743,695	04/2001	Weiser et al.			
	*	09/368,119	08/1999	Tedeschi et al.			
	*	09/328,808	06/1999	Ahern			
	*	09/299,795	04/1999	Ahern			
	*	09/162,547	09/1998	Gambale			

U.S. Patent Application Documents							
Ex.		Serial No.	Filed	Name	Class	Subcl.	Filed
<i>SA</i>	*	09/159,834	09/1998	Cafferata			
<i>SA</i>	*	09/073,118	05/1998	Gambale			

FOREIGN PATENT DOCUMENTS							
Ex.		Doc. No.	Date	Name	Class	Subcl.	
<i>CA</i>	*	DE 29619029U1	04/1997	Kletka			
	*	DE 19703482	01/1997	Dotter			
	*	EP 0953320 A2	11/1999	Tuch			
	*	EP 0853921 A2	07/1998	Harman et al.			
	*	EP 0830873 A2	03/1998	Ogawa et al.			
	*	EP 0815798	01/1998	Köst			
	*	EP 0812574 A2	12/1997	Mueller et al.			
	*	EP 0807412	11/1997	Pacala et al.			
	*	EP 0807417	11/1997	Pacala et al.			
	*	EP 0797957	10/1997	Mueller			
	*	EP 0797958	10/1997	Mueller			
	*	EP 0207438	01/1997	Germain			
	*	EP 0876803 A2	11/1996	Gambale			
	*	EP 0732089 A2	09/1996	Anderson et al.			
	*	EP 0717969 A2	06/1996	Sepetka et al.			
	*	EP 0714640 A1	06/1996	Stack et al.			
	*	EP 0515867 A2	12/1992	Jeevanandam et al.			
	*	EP 0363661	04/1990	Miller et al.			
	*	EP 0132387	01/1985	Osborne			
	*	FR 1514319	01/1967	Zacouto			
	*	FR 1278965	01/1961	Van Steenbrugghe et al.			
	*	WO 99/53863	10/1999	Vanney et al.			
	*	WO 99/38459	08/1999	Wilk			
	*	WO 99/21510	05/1999	Evans			
	*	WO 98/46115	10/1998	Makower			
	*	WO 98/46115	10/1998	Makower et al.			
	*	WO 98/29148	07/1998	Yang et al.			
	*	WO 98/32859	07/1998	Rosengart et al.			
	*	WO 98/23228	06/1998	Burkoth et al.			
	*	WO 98/25533	06/1998	Hektnar			
	*	WO 98/16644	04/1998	Deisher et al.			
	*	WO 98/08456	03/1998	Makower et al.			
	*	WO 98/05307	02/1998	Kaplan et al.			
	*	WO 97/45105	12/1997	Hunter et al.			
	*	WO 97/47253	12/1997	Fine			
	*	WO 97/38730	10/1997	Bertrand et al.			
	*	WO 97/32551	09/1997	Hussein et al.			
	*	WO 97/34540	09/1997	Rudko et al.			
	*	WO 97/42910	07/1997	Bruess et al.			
	*	WO 96/20698	07/1996	Levy et al.			
	*	WO 95/33511	12/1995	Lee			

FOREIGN PATENT DOCUMENTS

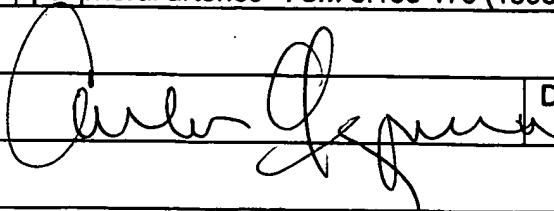
Ex.		Doc. No.	Date	Name	Class	Subcl.
<i>DA</i>	*	WO 94/27612	12/1994	French et al.		
	*	WO 94/05265	03/1994	Berde et al.		
	*	WO 91/15254	10/1991	Zimmon		
	*	WO 89/01798	03/1989	Jacobsen		
	*	RU 2026640 C1	01/1995	Kononov		
<i>DA</i>	*	RU 2063179 C1	07/1996	Ganichev		

OTHER DOCUMENTS (including, Author, Title, Date, Pages, Etc.)

<i>DA</i>	*	Abela et al., "Laser revascularization: where are its prospects?" <i>Journal of Cardiovascular Medicine</i> 977-984 (09/1983)
	*	Abela et al., "Use of laser radiation to recanalize totally obstructed coronary arteries" (Abstract) <i>Journal American College Cardiology</i> 1:691 (1983)
	*	Anabtawi et al., "Experimental evaluation of myocardial tunnelization as a method of myocardial revascularization" <i>Journal of Thoracic and Cardiovascular Surgery</i> 58:638-646 (1969)
	*	Banai et al., "Angiogenic-induced enhancement of collateral blood flow to ischemic myocardium by vascular endothelial growth factor in dogs" <i>Circulation</i> 89:2183-2189 (05/1994)
	*	Bevans et al., "Intracoronary stents: a new approach to coronary artery dilatation" <i>J. Cardiovasc. Nurs.</i> 7:34-49 (11/1992)
	*	Chamberlain, "High-tech for the heart" <i>ABC News, Internet address abcnews.com/sections/living/high-tech1113</i> , pp. 1-4 (11/1997)
	*	Doiter, "Transluminally-placed coilspring endarterial tube grafts" <i>Investigative Radiology</i> 4:329-332 (09-10/1969)
	*	Favaloro, "Saphenous vein autograft replacement of severe segmental coronary artery occlusion" <i>Annals of Thoracic Surg.</i> 5:334-339 (04/1968)
	*	Folkman, "Angiogenic therapy for the human heart" <i>Amer. Heart Assoc. Editorial, Circulation</i> 97:628-629 (1998)
	*	Frandzel, "The perforated heart" <i>Amer. Health</i> 12:11-12 (12/1993)
	*	Goldman et al., "Experimental methods for producing a collateral circulation to the heart directly from the left ventricle" <i>Journal of Thoracic Surgery</i> 31:364-374 (03/1956)
	*	Hardy et al., "Regional myocardial blood flow and cardiac mechanics in dog hearts with CO ₂ laser-induced intramyocardial revascularization" <i>Basic Research Cardiology</i> 85:179-197 (1990)
	*	Hartman et al., "The physics of transmyocardial laser revascularization" <i>J. Clin. Laser Med. & Surg.</i> 15:255-259 (1997)
	*	Hershey et al., "Transmyocardial puncture revascularization" <i>Geriatrics</i> 24:101-108 (03/1969)
	*	Horvath, "Clinical studies of TMR with the CO ₂ laser" <i>J. of Clin. Laser, Med. & Surg.</i> 15:281-285 (1997)
	*	Ingels et al., "Measurement of midwall myocardial dynamics in intact man by radiography of surgically implanted markers" <i>Circulation</i> 52:859-867 (11/1975)
	*	Jeevanandam et al., "Myocardial revascularization by laser-induced channels" <i>Cardiothoracic Surg.</i> XLI:225-227 (10/1990)
<i>DA</i>	*	Khazei et al., "Myocardial canalization: a new method of myocardial revascularization" <i>The Annals of Thoracic Surgery</i> 6:163-171 (08/1968)

OTHER DOCUMENTS (including, Author, Title, Date, Pages, Etc.)		
QW	*	Kim et al., "Percutaneous transmyocardial revascularization" <i>J. Clin. Laser Med. & Surg.</i> 15:293-298 (1997)
	*	Kuntz et al., "Novel approach to the analysis of restenosis after the use of three new coronary devices" <i>JACC</i> 19:1493-1499 (06/1992)
	*	Kwong et al., "transmyocardial laser treatment denerves canine myocardium" <i>J. Thoracic Card. Surg.</i> 114:883-890 (12/1997)
	*	Lanzafame, "Louisiana Leapers" <i>J. Clinical Laser Med. & Surg.</i> 15:241 (1997)
	*	Lee et al., "Feasibility of intravascular laser irradiation for in vivo visualization and therapy of cardiocirculatory diseases" <i>American Heart Journal</i> 103:1076-1077 (06/1982)
	*	Lee et al., "Laser-dissolution of coronary atherosclerotic obstruction" <i>American Heart Journal</i> 102:1074-1075 (12/1981)
	*	Mack et al., "Myocardial Angiogenesis as a possible mechanism" <i>J. Clinical Laser Med. & Surg.</i> 15:275-279 (1997)
	*	March, "Transmyocardial laser revascularization: current experience and future direction" <i>J. Clinical Laser Med. & Surg.</i> 15:301-306 (1997)
	*	Martinelli et al., "Intraluminal ultrasound guidance of transverse laser coronary atherectomy" <i>Optical Fibers in Medicine</i> 1201:68-78 (1990)
	*	Massimo et al., "Myocardial revascularization by a new method of carrying blood directly from the left ventricular cavity into the coronary circulation" <i>Journal of Thoracic Surgery</i> 34:257-264 (08/1957)
	*	Mehta et al., "Complications of cardiac surgery" <i>Cardiac Surgery in the Adult</i> , ed. LE Edmunds (New York: McGraw-Hill) Chapter 13:369-402 (1997)
	*	Mirhoseini et al., "Clinical report: laser myocardial revascularization" <i>Lasers in Surgery and Medicine</i> 6:459-461 (1986)
	*	Mirhoseini et al., "Myocardial Revascularization by laser: a clinical report" <i>Lasers in Surgery and Medicine</i> 3:241-245 (1983)
	*	Mirhoseini et al., "New concepts in revascularization of the myocardium" <i>The Annals of Thoracic Surgery</i> 45:415-450 (04/1988)
	*	Mirhoseini et al., "Revascularization of the heart by laser" <i>Journal of Microsurgery</i> 2:253-260 (06/1981)
	*	Mirhoseini et al., "Transmyocardial laser revascularization: historical background and future directions" <i>J. Clinical Laser Med. & Surgery</i> 15:245-253 (1997)
	*	Mirhoseini et al., "Transmyocardial laser revascularization" <i>JACC Abstract No. 959-47, p. 416A</i> (02/1994)
	*	Mirhoseini et al., "Transventricular revascularization by laser" <i>Lasers in Surgery and Medicine</i> 2:187-198 (1982)
	*	Obergfell et al., "Transmyocardial laser revascularization (TMLR): relief of angina and increase in treadmill exercise testing in patients with severe symptomatic angina" <i>Abstract p. 325</i>
	*	Piffare et al., "Myocardial revascularization by transmyocardial acupuncture: a physiologic impossibility" <i>Journal of Thoracic and Cardiovascular Surgery</i> 58:424-429 (09/1969)
	*	Riessen et al., "Prospects for site-specific delivery of pharmacologic and molecular therapies" <i>JACC</i> 23:1234-1244 (04/1994)
	*	Rosengart, "Transmyocardial laser revascularization – a technique in evolution" <i>J. Clinical Laser Med. & Surg.</i> 15:299-300 (1997)
QW	*	Sachinopoulou et al., "Invited review transmyocardial revascularization" <i>Lasers in Medical Science</i> 10:83-91 (09/1995)

OTHER DOCUMENTS (including, Author, Title, Date, Pages, Etc.)		
	*	Sanborn, "Cardiovascular applications of lasers: searching for a niche" <i>J. Clinical Laser Med. & Surg.</i> 15:243-244 (1997)
	*	Schumacher et al., "Induction of neoangiogenesis in ischemic myocardium by human growth factors, first clinical results of a new treatment of coronary heart disease" <i>Circulation</i> 97:645-650 (12/1997)
	*	Sen et al., "Further studies in multiple transmyocardial acupuncture as a method of myocardial revascularization" <i>Surgery</i> 64:861-870 (11/1968)
	*	Sen et al., "Transmyocardial acupuncture: a new approach to myocardial revascularization" <i>Journal of Thoracic and Cardiovascular Surgery</i> 50:181-189 (1965)
	*	Spanier et al., "Angiogenesis: a possible mechanism underlying the clinical benefits for transmyocardial laser revascularization" <i>J. Clinical Laser Med. & Surg.</i> 15:269-273 (1997)
	*	Spanier et al., "Role for holmium: YAG lasers in Transmyocardial laser revascularization" <i>J. Clinical Laser Med. & Surg.</i> 15:287-291 (1997)
	*	Spencer, "Clinical experience with thorascopic TMR versus minimally invasive approach" <i>Ann. Thorac. Surg.</i> 65:596-605 (1998)
	*	Vineberg, "Coronary vascular anastomoses by internal mammary artery implantation" <i>Canad. M.A.J.</i> 78:871-879 (06/1958)
	*	Vineberg, "Development of an anastomosis between the coronary vessels and a transplanted internal mammary artery" <i>Canad. M.A.J.</i> 55:117-119 (08/1946)
	*	Waller, "Anatomy, histology, and pathology of the major epicardial coronary arteries relevant to echocardiographic imaging techniques" <i>J. Amer. Soc. Echocardiography</i> 2:232-252 (1989)
	*	Walter et al., "Treatment of acute myocardial infarction by transmural blood supply from the ventricular cavity" <i>Europ. Surg. Res.</i> 3:130-138 (1971)
	*	Wearn et al., "The nature of the vascular communications between the coronary arteries and the chambers of the heart" <i>Am. Heart J.</i> , IX:143-164 (12/1933)
	*	Whittaker et al., "Laser-mediated transmural myocardial channels do not salvage acutely ischemic myocardium" <i>JACC</i> 22:302-309 (07/1993)
	*	Whittaker et al., "Transmural channels can protect ischemic tissue, assessment of long-term myocardial response to laser and needle-made channels" <i>Circulation</i> 93:143-152 (01/1996)
	*	Whittaker, "Detection and assessment of laser-mediated injury in transmyocardial revascularization" <i>J. Clinical Laser Med. & Surg.</i> 15:261-267 (1997)
	*	Wilensky et al., "Methods and devices for local drug delivery in coronary and peripheral arteries" <i>TCM</i> 3:163-170 (1993)

Examiner: 

Date considered 11/10/05

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. An * indicates references that do not require a copy to be provided under 37 C.F.R. §1.98(d) because a copy was previously cited or submitted in a prior application, which is relied upon under 35 U.S.C. §120.